

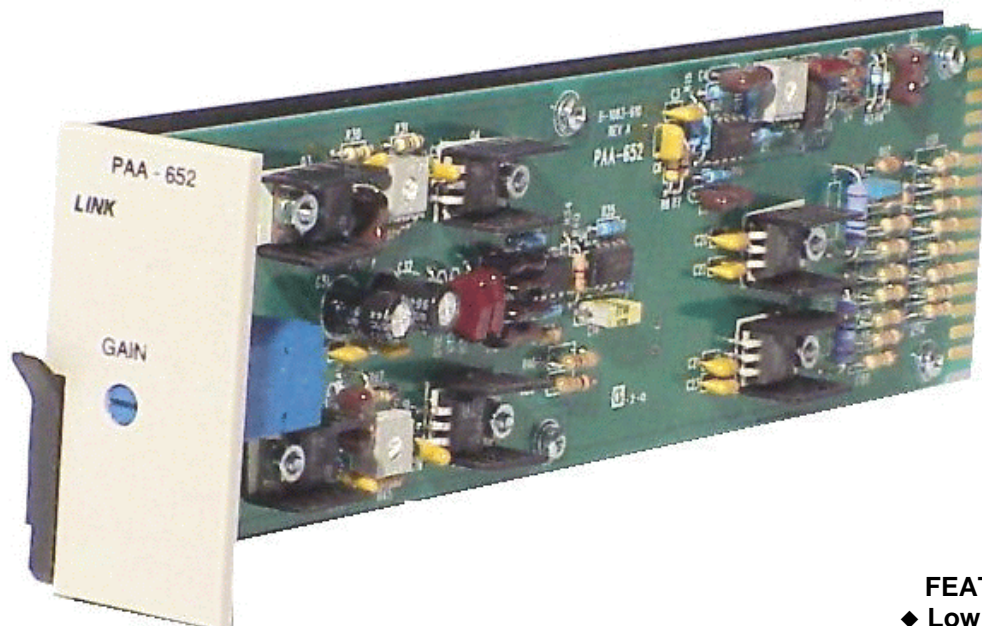


LINK ELECTRONICS, INC.

PRECISION AUDIO DA MODEL PAA - 652



MADE IN THE USA



FEATURES

- ◆ Low Noise
- ◆ Differential Input
- ◆ Gain Range ± 16 dB
- ◆ Eight Outputs, PFM-220

The PAA-652 mono audio distribution amplifier is another member of the 600 series products, and is designed to reflect the latest in the state of the art in engineering techniques. The PAA-652 is an extremely versatile audio amplifier, offering outstanding performance. The inputs and outputs use captive screw clamp terminals located on the matching rear cell assembly. The rear cell model PAA-600 is a separate item and should be purchased independently.

The PAA-652/1 provides eight high performance low impedance mono outputs. The input is over voltage protected for up to 120 volts AC or DC.

The PAA-652 is well suited for any type of operation. The input is balanced bridging, but can be terminated into 150 or 600 ohms. An unbalanced input is converted to balanced outputs. The transmission path of the PAA-652 is virtually transparent.

The features include 100dB of Signal-to-Noise ratio, .05 dB frequency response from 20 Hz to 20 KHz, and .03% total harmonic distortion from 20 Hz to 20 KHz. The isolation between modules is greater than 100 dB. A gain control on the front panel allows for gain adjustment of ± 16 dB. The PAA-652/1 operates in the PFM-220 frame holding up to four (4) modules.

MODEL PAA-652 AUDIO DISTRIBUTION AMPLIFIER

SPECIFICATIONS

INPUT

Impedance: 20K Ω , $\pm 2\%$ Diff. Balanced
Max. Level: 40 dBu, Differential
Common Mode Range: ± 1.5 Volts
Common Mode Rejection: >90 dB @ 60Hz

OUTPUT

Number of Outputs: Six in the PFM-600 & Eight in the PFM-220
Impedance: 66 Ohms
Max. Level: +22 dBu, Max Load
Output to Output isolation: >70 dB

PERFORMANCE

Gain Range: ± 16 dB
Power Response 3dB Points: <2 Hz, >200 KHz
Slew Rate: >22 V/ μ S, Tim Filter Disabled
S/N Ratio: >100 dB A WTD + 8dBu @ Gain
Frequency Response: ± 0.5 dB, 20Hz to 20KHz
Total Harmonic Distortion: $<0.03\%$ At +8dBu @ Gain Max. Load
Intermodulation Distortion: $<0.03\%$ @ 60/7K, 4/1, +15VRMS
Isolation Between Outputs: 120dB 20Hz to 20KHz
Isolation Between Modules: 120dB 20Hz to 20KHz
DC Offset: <10 mV
Quiescent Drain Current: $<\pm 70$ mA
Maximum Instantaneous Current: 1 amp.
Supply Voltage: ± 21 VDC Min.
Temperature Range: 0° to 50° C
Humidity: 0% to 90% non-condensing
Voltage: ± 25 VDC 140 mA

Mechanical:

Height: 2 7/8"
Width: 1.5"
Length: 11 7/8"
Weight: 9.5 oz

LINK ELECTRONICS, INC.

2137 Rust Avenue
Cape Girardeau, MO 63703
Phone: 573 334 4433
FAX: 573 334 9255

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